

CLAIMS

1 1. A method in a computer system for representing component having ports,
2 the method comprising:

3 creating an object corresponding to the component;
4 for each port of the object, creating a port object;
5 organizing the the created port objects hierarchically.

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7 2. A computer system for managing audio visual components comprising:
8 a network system for managing temporal connections between the components;
9 a session system for managing virtual circuits between the components; and
10 a management system for managing streams between components.

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12 3. A method in a computer system for establishing a path between a source
13 port and a sing port, the method comprising:

14 requesting a stream from the source port;
15 requesting an output component to provide a sink port that is appropriate for the
16 received stream; and
17 requesting the source port to create a virtual circuit to the sink port.